

Name _____

Period _____

Formula Exercises • Assignment #9 Part 2

PART ONE

Using your Formula Notes, fill in the first four blanks with the Order of Operations:

1. _____
2. _____
3. _____
4. _____
5. Subtract 8 from 12 means: _____

PART TWO

Write the appropriate Excel formula for the mathematical descriptions below. Remember, formulas always start with an equals sign =.

6. =D3+D4 Adds the values in D3 and D4
7. _____ Subtracts the value in D4 from the value in D3
8. _____ Multiplies the value in D3 times 27
9. _____ Divides the value in D3 by 27
10. _____ Raises the value in D3 to the 27th power
11. _____ Divides the value in D3 by 27, then adds the value in D4
12. _____ Divides the value in D3 by the result of 27 plus the value in D4
13. _____ Multiplies the value in D3 times 27, and then divides the product by the value in D4
14. _____ Divides 27 by the value in D4, then multiplies the result by the value in D3
15. _____ Raises the value in D3 to the 27th power, divides the result by the value in D4

PART THREE


- ☐ Open a new worksheet in Excel and save it as Formula Practice #9 in your drive.
- ☐ Insert your footer.
- ☐ Enter the following data in your worksheet in the same cells as displayed below.

	A	B	C
1			
2			
3	89	47	
4	142	76	
5	21	66	
6	156	4	
7			

In each of the cells listed below, enter the formula that performs the operation specified. After you enter each formula, write the resulting value (the answer the cell displays) in the space provided:

In Cell	Enter a formula that performs this operation:	The resulting value in the cell is:																																																												
In cell C3	<p>Add the values in A3 and B3</p> <table><tr><td></td><td>A</td><td>B</td><td>C</td></tr><tr><td>1</td><td></td><td></td><td></td></tr><tr><td>2</td><td></td><td></td><td></td></tr><tr><td>3</td><td>89</td><td>47</td><td>=A3+B3</td></tr><tr><td>4</td><td>142</td><td>76</td><td></td></tr><tr><td>5</td><td>21</td><td>66</td><td></td></tr><tr><td>6</td><td>156</td><td>4</td><td></td></tr></table>		A	B	C	1				2				3	89	47	=A3+B3	4	142	76		5	21	66		6	156	4		<p>16. <u>136</u></p> <table><tr><td>C3</td><td></td><td></td><td>=A3+B3</td></tr><tr><td></td><td>A</td><td>B</td><td>C</td></tr><tr><td>1</td><td></td><td></td><td></td></tr><tr><td>2</td><td></td><td></td><td></td></tr><tr><td>3</td><td>89</td><td>47</td><td>136</td></tr><tr><td>4</td><td>142</td><td>76</td><td></td></tr><tr><td>5</td><td>21</td><td>66</td><td></td></tr><tr><td>6</td><td>156</td><td>4</td><td></td></tr></table>	C3			=A3+B3		A	B	C	1				2				3	89	47	136	4	142	76		5	21	66		6	156	4	
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In cell C4	Subtract the value in B4 from the value in A4	17. _____																																																												
In cell C5	Multiply the value in A5 by the value in B5	18. _____																																																												
In cell C6	Divide the value in A6 by the value in B6	19. _____																																																												
In cell B7	Sum the values in the range B3:B6	20. _____																																																												
In cell D3	Add the value in A3 and A4, then multiply the sum by 3	21. _____																																																												
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In cell D5	Copy the formula in D4 to D5	23. _____																																																												
In cell D6	Subtract the value in B6 from the value in A6, then divide by 2	24. _____																																																												
In cell D7	Divide the value in A6 by 2, then subtract the value in B6	25. _____																																																												

PART FOUR

- ☐ In your Excel spreadsheet, press Ctrl + ~ (the key above the TAB button) to display your formulas.
- ☐ Resave and print your spreadsheet.
- ☐  Staple your printout to Worksheets Activity 9 Parts 1 and 2.
- ☐ Turn in your assignment.